CASE STUDY

codemantra
manage // transform // publish

Codemantra Integrates PrizmDoc® for Java to Enhance the collectionPoint Platform

codemantra has been an industry leader in digital document management for nearly two decades. By combining SaaS-based cloud technology with innovative AI and machine learning techniques, the company has developed a variety of solutions that help organizations such as publishers, financial institutions, government agencies, and non-profits maintain access to digital documents, streamline content lifecycles, and automate document processing.

Based in Burlington, MA, codemantra operates across four continents and serves over 300 customers. After getting its start with publishing services, the company quickly transitioned to building software platforms that allow organizations to seamlessly access and manage multiple document types.

OVERVIEW

Over the last few years, codemantra has focused primarily on developing sophisticated document processing capabilities to enhance its core document management systems. The multifaceted collectionPoint platform leverages the power of machine learning to extract data and integrate with business applications such as LMS solutions, ERP software, and CRM systems.

"We spent a significant amount of product research and development cycles evolving collectionPoint's document management foundation into a comprehensive and robust document intelligence platform," says Barry Bealer, Senior Vice President of Strategic Alliances at codemantra.

Once a document is uploaded into a folder, collectionPoint reads the document, identifies what type of document it is, and then extracts the necessary data elements from it for insertion into the workflow's metadata fields. This process allows customers to quickly process complex documents like purchase orders and contracts automatically, which streamlines operations and minimizes the risk of human error.

CHALLENGES

However, in order to maximize collectionPoint's document flexibility, codemantra needed the right integrations to manage and edit PDF documents.

"If you look at the statistics, 83% of enterprise businesses use Microsoft Word, but there's 2.5 billion PDFs out in the marketplace," Bealer says. "When people ship documents amongst themselves, it's generally in PDF format. We're able to extract the insights and intelligence locked within the PDF, but in the process, you may want to take a look at that document and lightly edit it so you can use it internally or externally with your customers."

Without a viewing integration that could dynamically render and edit PDFs and other file formats, collectionPoint users would be forced to download the files for local viewing or share them with applications like Adobe Reader or Microsoft Office. Relying on external software both undermines the user experience and introduces a variety of security risks related to personally identifiable information (PII).

The team at codemantra also wanted to ensure accessibility for people with visual impairments or reading disabilities so they could easily review documents within the platform. Many organizations still have legacy documents that are not compliant with ADA 508 digital document requirements, so it was important to incorporate document remediation into the platform.

Rather than devoting additional development resources to building a viewing solution in-house, the codemantra team instead conducted a thorough review of multiple third-party integrations to find the ideal match for collectionPoint.

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PrizmDoc® for Java's API architecture made it easy to incorporate into collectionPoint to ensure accessibility, streamline workflows, secure sensitive information, and handle a wide variety of documents, images, and videos. The Java-based HTML5 viewer not only allowed customers to easily view multiple file types within the collectionPoint platform, but also provided additional features such as annotation, redaction, and drag and drop page manipulation. Users could edit files or create new documents as part of a workflow, then easily save them back to the platform's repository.

In addition to supporting multiple file formats, PrizmDoc® for Java's powerful text search and speech synthesis capabilities allowed codemantra to easily comply with ADA 508 accessibility requirements without having to build new features from scratch or rely on external screen reader tools.
"I found that to be a really awesome feature," Bealer says. "It does exactly what a screen reader will do to an accessible PDF that we remediate, so it's pretty amazing to have that built into PrizmDoc® for Java. It's the first time I've ever seen that in any type of tool."

Thanks to PrizmDoc® for Java, collectionPoint customers can manage their complex documents within a single platform rather than relying upon external applications or downloading files for viewing and editing. By streamlining workflows and creating a cohesive user experience, collectionPoint makes it easy to share and collaborate on documents without compromising security or efficiency.

About CODEMANTRA

For almost two decades, codemantra has been at the forefront of increasing the value of digital documents. By leveraging their cloud-based platforms coupled with the latest AI and machine learning techniques, codemantra has consistently delivered high-quality solutions and services to over 300 customers including publishers, financial institutions, state and local governments, and nonprofit organizations. codemantra ensures compliance and accessibility of digital documents, streamlines the lifecycle of content, and provides full-service content production. Headquartered in Burlington, MA, codemantra also has offices in London, UK and Chennai, India.

For more information, please visit
www.codemantra.com

About Accusoft

Founded in 1991, Accusoft is a software development company specializing in content processing, conversion, and automation solutions. From out-of-the-box and configurable applications to APIs built for developers, Accusoft software enables users to solve their most complex workflow challenges and gain insights from content in any format, on any device. Backed by 40 patents, the company's flagship products, including Docubee, PrizmDoc Viewer®, and ImageGear, are designed to improve productivity, provide actionable data, and deliver results that matter. The Accusoft team is dedicated to continuous innovation through customer-centric product development, new version release, and a passion for understanding industry trends that drive consumer demand.

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